

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/050028

## A. CLASSIFICATION OF SUBJECT MATTER

G06N5/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
G06N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HAIPING XU: "A Model-Based Approach for Development of Multi-Agent Software Systems" Online! March 2003 (2003-03), pages 1-147, XP002350500 Chicago, Illinois Retrieved from the Internet: URL: <a href="http://www.cis.umassd.edu/{hxu/Papers/UIC/PhD/Thesis.pdf}">http://www.cis.umassd.edu/{hxu/Papers/UIC/PhD/Thesis.pdf}</a> 'retrieved on 2005-10-13! page 29 - page 31 page 47 - page 50 page 102 page 9 - page 10</p> <p style="text-align: center;">----- -/--</p>	1-40

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

21 October 2005

Date of mailing of the international search report

28/11/2005

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Härdeman, J

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**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MAS LABORATORY, DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF MASSACHUSETTS AT AMHERST: "Java Agent Framework HowTo" 'Online! 23 March 2003 (2003-03-23), XP002350501 Retrieved from the Internet: URL: <a href="http://web.archive.org/web/20030326185811/http://dis.cs.umass.edu/research/jaf/howto.html">http://web.archive.org/web/20030326185811/http://dis.cs.umass.edu/research/jaf/howto.html</a> > 'retrieved on 2005-10-13!	1
A	the whole document	2-40
A	WOOD M F ET AL: "An overview of the multiagent systems engineering methodology" AGENT-ORIENTED SOFTWARE ENGINEERING. FIRST INTERNATIONAL WORKSHOP, AOSE 2000. REVISED PAPERS (LECTURE NOTES IN COMPUTER SCIENCE VOL.1957) SPRINGER-VERLAG BERLIN, GERMANY, 2001, pages 207-221, XP002350503 ISBN: 3-540-41594-7 page 209 - page 218	1-40